

Converting Colors

Yxy(37.9484, 0.3383, 0.3316)

Have a look what the booklet for
Yxy(37.9484, 0.3383, 0.3316)
contains.

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Color

Yxy(37.9245, 0.3390, 0.3318)

Conversions

Conversions Part 1

Format	Color
Hex	B9A09E
RGB	185, 160, 158
RGB Percent	73%, 63%, 62%
CMY	0.2746, 0.3725, 0.3804
CMYK	0.00, 0.14, 0.15, 0.27
HSL	4°, 16%, 67%
HSV	4°, 15%, 73%
XYZ	38.7475, 37.9245, 37.6273
YIQ	167.2470, 15.5420, 4.6780

Conversions

Conversions Part 2

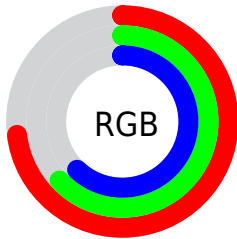
Format	Color
RYB	185, 160, 158
Decimal	12165278
CIELab	67.96, 8.82, 4.42
CIELCh	68, 9.868, 26.594
Yxy	37.9245, 0.3390, 0.3318
Android (android.graphics.Color)	4290355358 (0xFFB9A09E)
YUV	167.2470, -4.5588, 15.5694
Hunter-Lab	61.5829, 4.5408, 6.8816

Details

The Yxy color **37.9245, 0.3390, 0.3318** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.6307, 0.2908, 0.3262**, and the grayscale version is **38.7875, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1057, 0.3334, 0.3312**, and **16.9043, 0.3473, 0.3329** is the 20% darker color. If you saturate the color by 10%, you get **31.8020, 0.3623, 0.3339**, and if you desaturate by 10%, it is **44.9641, 0.3201, 0.3298**.

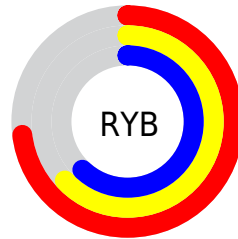
Distribution



Red (73%)

Green (63%)

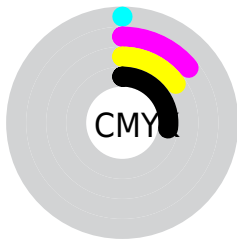
Blue (62%)



Red (73%)

Yellow (63%)

Blue (62%)

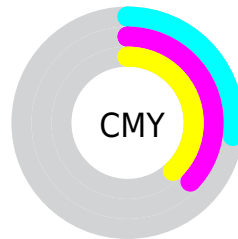


Cyan (0%)

Magenta (14%)

Yellow (15%)

Black (27%)



Cyan (27%)

Magenta (37%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9245, 0.3390, 0.3318 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 37.9245, 0.3390, 0.3318 by changing the saturation by 10% instead.


 37.9245, 0.3390,
0.3318


 37.9245, 0.3390,
0.3318


337.2960, 0.3253,
0.3305

 25.9241, 0.3426,
0.3321

 71.9924, 0.3339,
0.3313

 16.7669, 0.3473,
0.3325


 94.8287, 0.3320,
0.3312

 10.0684, 0.3538,
0.3329


122.0457, 0.3305,
0.3310

 5.4443, 0.3633,
0.3335

154.0279, 0.3291,
0.3309

 2.5103, 0.3785,
0.3341

191.1596, 0.3280,
0.3308

 0.8818, 0.4115,
0.3385

233.8253, 0.3270,

 0.0000, 1.0000,

0.3307

0.0000

282.4093, 0.3261,
0.3306

0.0000, 0.0000,
0.0000

37.9245, 0.3390,
0.3318

37.9245, 0.3390,
0.3318

31.8020, 0.3623,
0.3339

44.9641, 0.3201,
0.3298

26.5539, 0.3908,
0.3360

52.9510, 0.3048,
0.3280

22.1420, 0.4253,
0.3380

61.9204, 0.2924,
0.3264

18.5230, 0.4655,
0.3396

71.9040, 0.2822,
0.3249

15.6498, 0.5102,
0.3405

82.9323, 0.2739,
0.3236

■ 13.4704, 0.5555,
0.3402

■ 89.0525, 0.2726,
0.3289

■ 11.9259, 0.5955,
0.3385

■ 10.9479, 0.6239,
0.3354

■ 10.6197, 0.6346,
0.3343

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



37.9245, 0.3289, 0.3193



37.9245, 0.3390, 0.3318



37.9245, 0.3419, 0.3440

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



37.9245, 0.3390, 0.3318



37.9245, 0.3104, 0.3499



37.9245, 0.2890, 0.3056

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



37.9245, 0.3390, 0.3318



44.6307, 0.2908, 0.3262

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



37.9245, 0.2844, 0.3131



37.9245, 0.3390, 0.3318



37.9245, 0.2965, 0.3389

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



37.9245, 0.3390, 0.3318



37.9245, 0.3251, 0.3549



37.9245, 0.2871, 0.3253



37.9245, 0.3000, 0.3043

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



37.9245, 0.3390, 0.3318



37.9245, 0.3393, 0.3503



37.9245, 0.2871, 0.3253



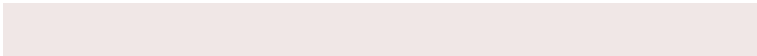
37.9245, 0.2867, 0.3074

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



37.9262, 0.3390, 0.3318



81.2459, 0.3193, 0.3297



38.1945, 0.3160, 0.2958



17.2971, 0.3205, 0.3299



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.9262, 0.3390, 0.3318



63.6811, 0.3471, 0.3326



42.7812, 0.3364, 0.3495



9.1166, 0.3286, 0.3308



7.2755, 0.6335, 0.3352



0.2928, 0.6090, 0.3546

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



44.6307, 0.2908, 0.3262



78.3594, 0.2854, 0.3254



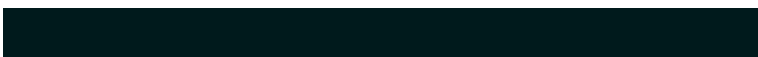
39.4075, 0.2902, 0.3076



10.0933, 0.2985, 0.3272



22.3291, 0.2183, 0.3059



0.8214, 0.2201, 0.3123

Previews

White Background



This preview shows how the Yxy color 37.9245, 0.3390, 0.3318 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 37.9245, 0.3390, 0.3318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

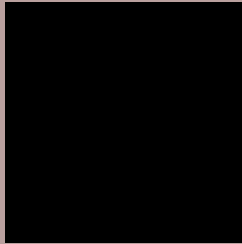
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.9245, 0.3390, 0.3318

Background



This preview shows how black text looks on a background with the Yxy color 37.9245, 0.3390, 0.3318.



This preview shows how white text looks on a background with the Yxy color 37.9245, 0.3390, 0.3318.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

37.9245, 0.3390, 0.3318

Protanopia

38.0295, 0.3209, 0.3347

Deuteranopia

37.9245, 0.3390, 0.3318



Tritanopia

37.9208, 0.3300, 0.3130

Trichromacy



Original Color

37.9245, 0.3390, 0.3318

Protanomaly

37.8464, 0.3268, 0.3332

Deuteranomaly

37.9245, 0.3390, 0.3318

Tritanomaly

37.9886, 0.3326, 0.3196

Monochromacy



Original Color

37.9245, 0.3390, 0.3318

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.2299, 0.3222, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9245, 0.3390, 0.3318 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(185, 160, 158)` looks like.

```
.text, #text, p{  
    color:rgb(185, 160, 158)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(185, 160, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 160, 158) }
```

Border

The CSS property to change the border of an element to Yxy 37.9245, 0.3390, 0.3318 is called "border". The border property can be set on classes, ids or directly on the HTML element.

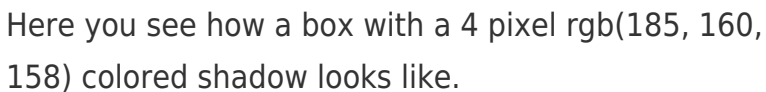
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 160, 158) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(185, 160, 158) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(185, 160, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 160, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 160, 158); box-shadow:4px 4px 4px 4px rgb(185, 160, 158) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9245, 0.3390, 0.3318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 160, 158) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(185,  
160, 158) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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